SWISC

SOLID WASTE INTERIM STEERING COMMITTEE

Box 458, Adelaide P.O., Toronto, Ontario, M5C 2J5
Telephone: (416) 941-8373, Fax: (416) 863-0926

LIST OF SUBMISSIONS RECEIVED BY SWISC BY 3:00 P.M., DECEMBER 28, 1989
WITH RESPECT TO THE LONG-TERM SYSTEM

	Respondent	System &/or Component
1.	Lamarche McGuinty Inc., Shawville, P.Q.	Component
2.	Westinghouse Resource Energy, Pittsburgh, Penn.	Component
3.	Advanced Ecology Corp., Vancouver, B.C.	Component
4.	Dynavest International Ltd., St. Louis, Missouri	Component/System
5.	St. Lawrence Cement Inc., Mont Royal, P.Q.	Component/System
6.	Buhler-Miag (Canada) Ltd., Don Mills, Ont.	Component
7.	Cogenesis Corp., Milpitas, California	Component/System
8.	Lavalin Engineers Inc., Willowdale, Ontario	System
9.	Foster Wheeler Power Systems Inc., Clinton, N.J.	Component/System
10.	NSP Investments Ltd., Mississauga, Ont.	Component
11.	Proctor & Gamble Inc., Toronto, Ont.	Component
12.	Noel Richard Desautels & Paul Detering, Toronto, Ont.	Component
13.	Dynaforce Waste Reductions Inc., Goderich, Ont.	Component
14.	MacLaren Engineers Inc., Willowdale, Ont.	Component
15.	Expocrete Ltd., Burlington, Ont.	Component
16.	Armbro Materials & Construction Ltd., Brampton, Ont.	Component
17.	Waste Distillation (WDT Canada) Inc., Montreal, P.Q. and Sussex Environmental Services Inc., London, Ont.	Component
18.	WPF Corp., Bellevue, Ohio and BLI Intl. Inc., Ranch Cucamonga, California	Component
19.	Kenox Corp., North York, Ont.	Component
20.	See-Bah Waste Elimination Technologies Inc., Sault Ste. Marie, Ont.	Component/System
21.	Round-Up Waste Prevention Inc., Canmore, Alta.	Component
22.	Nera Bioenergy Corp., Montreal, P.Q.	Component
23.	Swedish Trade Council	Undetermined
24.	Environmental Disposal Systems Inc., Bristol, Virginia	Component
25.	Kilborn Ltd., Toronto, Ont.	Component
26.	Igloo Recycling System Inc., Toronto, Ont.	Component
27.	Airite Environmental Industries Inc., Richmond Hill, Ont.	Component
28.	Superior-Crawford Sand & Gravel Ltd., Maple, Ont.	Component
29.	EnComp Limited, Toronto, Ont.	Component
30.	Compost Management Associates Ltd., Toronto, Ont.	Component
31.	Reuter of Canada Inc., Toronto, Ont.	Component/System
32.	Recomp Inc., Denver, Colorado	Component
33.	TransCanada Pipelines, Calgary, Alta.	Component
34.	Notre Development Corporation, North Bay, Ont.	Component
35.	Enviromax Corp., Caledonia, Ont.	Component/System

36.	808106 Ontario Inc., Cambridge, Ont.	Undetermined
37.	Wood Waste Solutions Inc., Toronto, Ont.	Component
38.	Redipac Recycling Inc., Etobicoke, Ont.	Component
39.	SNC Inc., Montreal, P.Q.	Component
40.	Crang & Boake Inc., Don Mills, Ont., H. D. Spencer Associates, Toronto, Ont. and Von Roll Limited, Zurich, Switzerland	Component
41.	I-S-E Sales/Emerson Electric Canada, Markham, Ont.	Component
42.	Browning Ferris Industries Inc., Toronto, Ont.	Component
43.	Stinnes Enerco Inc., Toronto, Ont.	Component
44.	Trican Energy Systems Ltd., Brantford, Ont.	Component
45.	Wastestreams Systems Ltd., Toronto, Ont.	Component
46.	Agra Industries ltd., Mississauga, Ont.	Component
47.	Nelson Aggregate Co., Burlington, Ont.	Component
48.	Equity Waste Management of Canada Corp., Toronto, Ont.	System
49.	Steetley Quarry Products Inc., Hamilton, Ont.	Component
50.	Inducon Development Corporation, Morristown, N.J.	System
51.	WMI Waste Management of Canada Inc., Mississauga, Ont.	System
52.	Ontario Northland Transportation Commission, North Bay, Ontario	Component
53.	Ontario Northland Transportation Commission, North Bay, Ontario	System
54.	Ontario Northland Transportation Commission, North Bay, Ontario	Component
55.	Dual Environmental Systems Inc., Toronto, Ont.	Component
56.	Chasson Pallets Ltd., Port Perry, Ont.	Component
57.	Trow, Brampton, Ont. and Dames & Moore, Los Angeles, California	Component
58.	Weldex Company Ltd., Oakville, Ont.	Component
59.	Agripost, Pompano Beach, Flordia	Component
60.	Enviro-Watch Federation, Georgetown, Ontario	Undetermined
61.	CN Rail and Bechtel Canada Inc., Toronto, Ont.	Component
62.	CP Rail, Toronto, Ont.	Component
63.	Royaledge Industries Inc., Burlington, Ont. and Pro-Cyss Waste Corp., Lakewood, Col.	Component
64.	Wastech/Robert S. Lawrie Ltd., Markham, Ont.	Component
65.	Otto-Canada Inc., Mississauga and Halton-Otto Recycling Ltd.	Component/System
66.	Pattison Information Inc., Toronto, Ont.	System
67.	Laidlaw Waste Systems, Burlington, Ont.	System
68.	ICG Co-Gen Ltd., Toronto, Ont.	Component
69.	MSW Recycling Corp., Toronto, Ont.	Component
70.	Faruk Fattah, Toronto, Ont.	Component
71.	Environmental Air Structure Technologies, Mt. Clemens, Michigan	Component
72.	Markham Disposal/Miller Paving Ltd., Markham, Ont.	Component
73.	Surety Environmental Inc., Calgary, Alta.	System

74.	Bedminster Bioconversion Corp., Cherry Hill, N.J.	Component
75.	Ontario Northland Transportation Commission North Bay, Ont.	Component
76.	Muscillo Transport Ltd., Kleinberg, Ont.	Component
77.	Montenay Inc., Montreal, P.Q.	Component
78.	Ogden, Martin Systems, Mississauga, Ont.	Component
79.	Ortech International, Mississauga	Component
80.	Paul Temelini, Sudbury	Undetermined
81.	Methon Energy Corp. Inc., Maple, Ont.	Component
82.	Chivers-Wilson Consulting, Nepean, Ont.	Undetermined
83.	Renutech Corp., Ottawa, Ont.	Undetermined
84.	W. Hutchinson, Walkerton, Ont.	Component
85.	Stone & Webster Canada Ltd., Toronto, Ont.	Undetermined
86.	Standard Aggregates Inc.	Undetermined

SWISC EOI SUMMARY

REGISTRATION NUMBER SW03

Proponent Firm

Advanced Ecology Corporation, Vancouver, B.C.

Names of Principals

Mel Woolley
Nigel Cole-Morgan
Cliff Minchel
Peter Jensen
Louis van Blanksentein

Component

Waste Processing Facilities - Materials Recovery System

Features Claimed

A solid waste materials recovery system which will process solid waste through a series of highly automated separation procedures resulting in component end products. The commercial process is based on the BRINI system developed by Sellbergs of Sweden. 80% recovery of select materials from the waste stream is claimed from the entire facility which includes composting.

Sites named/Locations

1 plant per region, handling 200,000 Tonnes per year
3 plants in Metro Toronto, handling 200,000 Tonnes per year

Number of Pages

33 plus appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW27

Proponent Firm

Airite Environmental Industries Inc., Richmond Hill, Ontario ✓

Names of Principals

James Wright

Component

Waste processing facilities (composting)

Features Claimed

AEI proposes the development and implementation of a centralized composting system in partnership with SWISC or a subsequent authority. There are three main activities in AEI's approach:

Collection

1. Source separation and recovery: anticipates householders, commercial and other institutions separating the organic waste from the remaining waste;

Composting

2. Pre-digestion Processing in which the incoming waste is prepared for high rate composting;

3. Digestion which involves high rate composting of the material; and

4. Post-digestion Processing of the compost to prepare it for various end uses;

Commercial Aspects

5. Marketing: AEI anticipates that it will conduct a detailed market study of compost for each composting facility developed. If a number of AEI facilities are built, an integrated marketing program for the GTA will be implemented. Conversely, the issue can be addressed on a region by region basis.

Sites Named/Locations

Can be any size depending on the number of facilities; potential for setting up facilities within each of the regions; ideally suited to agricultural areas. CN land in Town of Vaughan is potentially available.

Number of Pages/Other Documents

62 page proposal with brochures and appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW46

Proponent Firm(s)

Agra Industries Limited, Mississauga, Ontario, using: ✓

Thyssen Entsorgungs-Technick
Canadian International Power Services*
Hardy BCT Limited*
Cambrian Engineering Group Ltd.*
* an Agra Company

Names of Principals

B.B. Torchinsky
A. Taylor
R.G. Dittmer

Components

Waste Receiving Facility(ies)
Waste Processing Facility(ies)

Features Claimed

Decentralized plants capable of 350-500 TPD each. Using the ORFA technology which consists of shredding, drying, ozonization and separation. Process produces 3 products:

- cellulose OFRA fiber - primarily cellulose with many uses
- granulate - plastic, glass, sand, dust grit
- ferrous metal

Process: separation of ferrous - shredding and magnetic separation - light and heavy separation - dry and ozonization.

Respondent claims this system has no emissions

Sites Named/Locations

Greater Toronto Area

Number of Pages/Other Documents

27 pages plus blue prints of an ORFA system and brochures and annual reports from AGRA and Thyssen Handelsunim AG

SWISC EOI SUMMARY

REGISTRATION NUMBER SW59

Proponent Firm(s)

Agripost Inc. (Florida)
Canadian Contact: Canadian Convertit Technology Ltd. (CCT)

Names of Principals

Agripost: John Forrer
Ed West
R. Bischuff

CCT: D. Jonah, Owner

Components

Addition to the Participating Municipalities' Diversion Programs
Waste Receiving Facility(ies)
Waste Processing Facility(ies)

Features Claimed

In the short term, propose to add processing lines at transfer stations to improve efficiency. Long-term plans involve conversion of existing facilities to composting sites, to act as a complement to the blue box system by separating unseparated waste, recovery, recycling and converting MSW to soil conditioner. The proposal describes a non-combustible procedure.

Sites Named/Locations

GTA including: Halton, Peel, York, Metro Toronto, Durham

Number of Pages/Other Documents

150 pages total. Includes: proposal, Agripost background, Dade (Miami) county environmental regulations, end product information

SWISC EOI SUMMARY

REGISTRATION NUMBER SW16

Proponent Firm

Armbro Materials and Construction Ltd., Brampton, Ontario ✓

Names of Principals

Alan Chapple
Michael W. Manley
John Beck
James Buckler
Stephen Glogowski
Colin C. West
Theodore Bot

Component

Waste Disposal Facility - Landfill site

Features Claimed

Development of the Marmoraton Open Pit Mine site as a waste management facility. The site capacity is 20 million tonnes of waste. In the 1992-1996 period, use of this site could meet the 5 million tonne interim requirements of Metro Toronto. Negotiations are under way with Metro for leasing the property.

Sites Named/Locations

Township of Marmora and Lake in the county of Hastings
110 miles east of Metro Toronto border and 75 miles east of the GTA border

Number of Pages

62

SWISC EOI SUMMARY

REGISTRATION NUMBER SW77

Proponent Firms

Atlantic Packaging Products Ltd., Scarborough, Ontario
Montenay Inc. Montreal, Quebec ✓

Names of Principals

Atlantic Packaging Products Ltd.

Phil Granovsky	Toddy Granovsky
Shirley Granovsky	John Cherry
Irving Granovsky	Harry Shelson

Montenay Inc.

Jean-Paul Berard	Jean H. Paradis
Jean Pierre Sutto	Martin Patterson

Note: Montenay SA is a French multinational corporation with operating subsidiaries in Europe, Canada and the U.S.

Components

Waste Receiving Facilities
Waste Processing Facilities
Waste Research Facilities

Features Claimed

(a) Receiving Facilities - separation into three streams for (b)
(b) Waste Processing
  i) Fibrous materials (paper etc.) de-inking, pulping, remanufacture
  ii) Wet wastes for composting, drying and screening
  iii) Incineration and steam production (EFW system) with turbo-alternators
(c) Research Component - primarily aimed at ash vitrification and stabilization.

Sites Named/Locations

Meetings have been held with representatives of the Regional Municipality of Durham, resulting in their expression of interest in becoming the host community for the facility at the Atlantic Packaging Whitby plant or adjacent to Lasco in Whitby.

Facility would be designed initially to handle 6,350 tonnes per day.

Number of Pages

200 page proposal with brochures, tables and appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW61

Proponent Firms

Bechtel Canada Inc., Toronto, Ontario ✓
Canadian National Railways, Toronto, Ontario ✓

Names of Principals

Dennis M. Lear
Richard K. Hayes
R.J. Ionides
A.E. Deegan

Components

Waste Processing Facility
Transportation System

Features Claimed

An intermediate processing and beneficiation facility will process both raw municipal solid wastes and source separated recyclables. This facility will accommodate the entire GTA waste stream. The Transportation facility will be rail-based and will provide for transport of the remaining residual waste stream (after compacting and containerization) to a final remote disposal/treatment center. The facility will be capable of recycling approximately 20% of the incoming waste stream in the form of recyclable products. System availability will be two years following environmental approval.

Sites Named/Locations

Receiving Facilities - Town of Vaughan, CNR MacMillan Yard

Number of Pages

80 plus appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW74

Proponent Firm

✓Bedminster Bioconversion Corporation, Cherry Hill, N.J.
Joint Venture with Recomp Inc. and Bonneville Pacific Corporation, Salt Lake City, Utah

Names of Principals

Hugh M. Ettinger
Louis D'Angelo
David H. Peipers

Component

Research Facility and Demonstration Project

Features Claimed

A demonstration plant capable of processing 200 tonnes per day of solid waste, plus approximately 100 tonnes a day of sewage sludge. Technology uses the Eweson digester, composed of a rotary kiln which is an aerobic fermenter and which produces compost in 3 days.

Sites Named/Locations

None specified

Number of Pages

15 plus exhibits.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW42 ✓

Proponent Firm

Browning-Ferris Industries Ltd., Toronto, Ontario

Names of Principals

John M. Potwin
David Sutherland-Yoest
J. Chrisholm Lyons
Wilf Goldlust

Component

Other: to develop and implement a system to address the industrial/commercial waste stream and to co-operate with the public sector in addressing the needs of the residential or household waste stream.

Features Claimed

BFI proposes a 6 part program for management of entire industrial/commercial stream:

- A "waste audit" program focused on reducing the amount of waste generated by industry and commerce;
- Establishment of separation programs for commerce and industry to separate, at the source of generation, recyclable materials;
- Establishment of a series of central processing facilities to sort, process and market recyclable materials collected from commercial and industrial establishments;
- undertake product marketing and provide assistance to GTA in marketing activities;
- establishment of waste stream-specific disposal facilities for those materials that are not recyclable or recoverable; and
- establish a co-operative arrangement for contract services for the development, management or operation of any component of household waste management system.

Site/Locations

No specific sites for increased number of facilities has been identified.

Number of Pages/Other Documents

40 page submission plus brochures and annual reports.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW06

Proponent Firm(s)

Buhler-Miag Canada Ltd., Don Mills, Ontario ✓

Names of Principals

H. Traber
P. Eigenmann
R. Grichting
J. McLellan

Component

Waste Processing Facilities

Features Claimed

Proposal recommends the building of integrated waste management systems which envision consumer/industrial site "curbside collection" of recyclables with further pre-sorting and screening of the waste at the "front-end" of waste processing plants.

These "front-end" systems would be designed to further separate the incoming waste(s) into the "3R" streams, namely the:

(a) Composting Fraction receiving the compostable/organic fraction capable of producing a

- fine compost = recycling
- coarse compost = reuse, reducing the quantity of waste

(b) Recycling Fraction, i.e., recovery of recyclables such as paper, cardboard, aluminum, ferros, plastics and glass.

(c) Recovery Fraction from the RDF (Refuse Derived Fuel) plants producing clean fuel, with the unprocessables going to landfill.

Buhler-Miag Canada Ltd. is capable of offering front-end pre-sorting systems, composting plants and RDF production plants.

Sites Named/Locations

500 to 2,000 TPD plants suggested; locations to be determined.

Number of Pages/Other Documents

65 page proposal with brochures and diagrams.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW82

Proponent Firm

Chivers-Wilson Consulting, Nepean, Ontario

Names of Principals

Arthur A. Chivers-Wilson

Component

Waste Disposal Concept

Features Claimed

- The concept is to fly garbage thoroughly compacted to a remote garbage disposal site.
- Specially designed aircraft would "air drop" this compacted garbage onto a 500 sq. mile disposal site.
- 30 year expected life span
- Only one major garbage disposal site required.

Sites Named/Locations

Submission suggests a site 30 miles north of Sudbury on Crown lands.

Number of Pages/Other Documents

17 page submission

SWISC EOI SUMMARY

REGISTRATION NUMBER SW07

Proponent Firm(s)

Cogenesis Corp. ✓
Milpitas California

Names of Principals

L Scott Tucker
Nelson W. Hancock
Glen C. Diehl

Component

Waste Processing Facility(ies)
Waste Disposal Facility(ies) - Mining existing landfills is an extension of their view of the project
Composting
RDF
Pyrolytic

Features Claimed

- Sorting process to split waste categories - lines proposed at 250 TPD
- Composting - Technology not described in detail in proposal
- Refuse derived fuel is derived primarily from reduced composted paper

Sites Named/Locations

No locations named
- existing landfill and transfer sites
- 28 modular composite systems proposed.

Number of Pages/Other Documents

16 pages

SWISC EOI SUMMARY

REGISTRATION NUMBER SW30

Proponent Firm

Compost Management Associates Ltd., Toronto, Ontario
Organic Recycling Inc., New York

Names of Principals

Paul Taylor
Antoinette Ellis
Edwin English
Beng Leong Ooi
Beng Hoe Ooi

Component

Addition to Municipal Waste Diversion Programs: backyard composting.
Processing Facilities: composting of yard wastes.

Features Claimed

Compost Management Associates' proposal offers a complete package on yard waste program design, implementation and management (while providing for 100% municipal ownership and control).

The approach is directed at reducing the volume, at source, of some of the yard wastes currently produced within GTA. The system is premised on the separation of yard organics at source; that the GTA use only the windrow compost techniques to process the waste; and that a number of sites for moderately-sized yard composting facilities be established across the five regions.

CMA's preferred role would be to participate in the design of the collection and composting systems, and the creation of the standards that they would operate under, prepare the documentation for the certificates of approval at the sites and be responsible for the management and supervision of the sites under a multi-year, renewable contract with the Authority.

The promotion of backyard composting; residual yard wastes that are set out for collection to be diverted to a network of local yard waste composting sites, owned and operated by municipal agencies.

CMA will assist GTA in exploring and maximizing the adoption of backyard composting.

Sites Named/Locations

Size of facilities would be adjusted to meet GTA needs; facilities would be scattered throughout the GTA regions.

Number of Pages/Other Documents

39 page proposal

SWISC EOI SUMMARY

REGISTRATION NUMBER SW62

Proponent Firm

CP Rail, Toronto, Ontario

Names of Principals

Robert W. Campbell
W.W. Stinson
R.K. Gamey
J.F. Hankinson
G.F. Michaels
I.B. Scott
K.S. Benson
D.J. Deegan
W.R. Fatt
C.R.O. Munro, QC
H.M. Romoff
J. Thomson
D.G. Toole
N.E. Wale

Component

Transportation System

Technology Proposed

A railhaul system of hauling solid waste from the GTA to waste processing/disposal points is proposed. This system is based on:

- The operation of dedicated trainloads of waste
- Rapid handling and transit through effective scheduling and establishment of a rail infrastructure
- Use of dedicated rolling stock
- Building of solid waste trainloads at railheads/railyards by CP Rail where technically feasible.

Sites Named

Not Specified

Number of Pages

40. Other documents appended

SWISC EOI SUMMARY

REGISTRATION NUMBER SW40

Proponent Firm(s)

√Crang & Boake Inc., Don Mills, Ontario
H.D. Spencer & Associates with Acres International Ltd., Toronto, Ontario
Von Roll Environmental Engineering Division, Zurich, Switzerland

Names of Principals

D.M. Robertson

Component

Waste Disposal Facility(ies) - Incineration

Features Claimed

Consultation, planning, construction, erection and operation of combustion waste disposal system. Combustion of wastes which generates reusable energy e.g., steam and electricity. Incinerated materials to be reused as construction material.

Sites Named/Locations

To be determined

Number of Pages/Other Documents

13

SWISC EOI SUMMARY

REGISTRATION NUMBER SW55

Proponent Firm(s)

Dual Environmental Systems Inc. - Umbrella Company
Dual Removal Systems - waste collection
Dual Wastequip Inc. - waste handling equipment
S. Freedman and Son - metal recycling

Names of Principals

Paul Lisanti

Component

Waste Receiving Facility(ies)
Transportation System(s)

Features Claimed

Interested primarily in the construction/demolition waste stream (800,000 tonnes per year)

- 5 facilities for receiving using Townsley Street transfer and recycle as the central focus
- facilities would receive, separate and redirect to a list of potential processors
- Townsley transfer already is Ontario Government approved

Sites Named/Locations

Greater Toronto Area - 4 sites unspecified and Townsley Transfer site in Toronto.

Number of Pages/Other Documents

14 pages plus 11 pages of attachments highlighting publications which refer to the organization and its principal

SWISC EOI SUMMARY

REGISTRATION NUMBER SW13

Proponent Firm

Dynaforce Waste Reductions Inc., London, Ontario

Names of Principals

W.J. Talbot
M.B. Coulston
U.H. Waldner
E.A. Sherwood

Component

Other (Waste Reduction)

Features Claimed

Technology uses Dynaforce LW 4-2-1 waste reduction machine to process 15-20 tonnes of waste per hour; would reduce curb-side waste volume by 80%. The composition of the waste is not changed, it is compacted to increase density and thus extend life expectancies of landfill sites. 130 machines would be required to handle current wastes.

Sites Named/Locations

None specified - Existing landfills or recycling facilities.
- No specific host community.

Number of Pages

30

SWISC EOI SUMMARY

REGISTRATION NUMBER SW29

Proponent Firm(s)

Encomp Ltd., Toronto, Ontario ✓

Names of Principals

Norris Walker
John G. Walker
Donald R. McKerron
John Tory

Components

Waste Processing Facility(ies) - Waste separation system
- Composting facilities

Receiving Point

Features Claimed

Buhler-Miag Systems for both waste separation and composting. The Buhler-Miag systems separates waste into recyclables, ferrous, wood, black and green composts. A computer controlled process then sorts and transports composts for degradation in individual hangers.

Sites Named/Locations

GTA; to be determined.

Number of Pages/Other Documents

50 - composting plant brochure

SWISC EOI SUMMARY

REGISTRATION NUMBER SW35

Proponent Firm(s)

Enviromax Corporation ✓

Names of Principals

Neil Slack

System/Component

Waste Processing Facility(ies) - 4000 TPD, EFW plant
Waste Disposal Facility(ies) - 125 - 165 acre landfill site

Features Claimed

A recycling and integrated waste management facility including a 4000 TPD sorting station taking non-hazardous solid waste, wood wastes, used tires and used oil. The output includes materials for recycling, about 95 MW of energy, wood fibre and rubber products and other non-combustibles to be landfilled.

Sites Named/Locations

407 acres in the Town of Haldimand, Regional Municipality of Haldimand/Norfolk

Number of Pages/Other Documents

60 (includes company brochures and copies of speeches by the president on waste disposals = 40 pages)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW60

Proponent Firm(s)

Enviro Watch

Names of Principals

Rita Landry

System or Component

No details

Technology Proposed/Main Features

No details

Sites Named/Locations

No details

Number of Pages/Other Documents

800 +

SWISC EOI SUMMARY

REGISTRATION NUMBER SW71

Proponent Firm

Environmental Air Structure Technologies, Mt. Clemens, Michigan

Names of Principals

John W. VanCamp
Gary L. Bright

Components

Waste Processing Facilities
Waste Disposal Facilities

Features Claimed

The recycling center reclaims recyclable materials. The remaining waste is processed via drying and shredding and then baled to be sent to an enclosed containment structure for storage or incineration at a later date. The structure proposed is a contained "air structure". In total, 20% of the original volume of waste will require landfilling or storage based on this proposal.

Sites Named/Locations

None specified

Number of Pages

12

SWISC EOI SUMMARY

✓

REGISTRATION NUMBER SW24

Proponent Firm

Environmental Disposal Systems (EDS), Bristol, Virginia

Names of Principals

H.C. VanMeter
Kenneth Stacy
G.E. Chip Barker

Component

Waste Processing Facility (resource recovery)

Features Claimed

Will receive solid waste and separate combustible from non-combustible, recovering recyclables including cardboard, ferrous metal, aluminum cans, plastics, and materials for compost. The combustible materials recovered are processed to fuel and mixed with coal to produce COPA fuel, which can be pelletized. This process can handle more than 12,000 tonnes of solid waste per day.

Sites Named/Locations

Not specified

Number of Pages

16

SWISC EOI SUMMARY

REGISTRATION NUMBER SW48

Proponent Firm(s)

Equity Waste Management of Canada Corp.

Mitsui Engineering & Shipbuilding
Black Clawson-Kennedy Ltd.
Sorema Plastics Recycling Machinery
AEA Technology-Harwell
Shred-It Canada Corp.
Pal-Tech Engineering
Matex Consultants
Edgcumbe Consulting
O'Connor, Leitch & Hays
Ontario Recycling Inc.

Names of Principals

Leonard A. Ursini
Frederick Leitch, Q.C.
D.L. Edgcumbe
Edwin E. Berry
Raymond T. Hemmings
Romeo Palombella
Philip E. Rushbrook
Anton van Santen
James Emberton
Paul Fletcher
Carl Klauck

Potential System

Waste Processing Facility(ies) - collection, sorting of wastes
Waste Disposal Facility(ies) - landfill

Features Claimed

Overall system consists of collection, modification of Mitsui sorting system and disposal through inert and organic landfills. The modified Mitsui system has a maximum design capacity for 4700 TPD. Project assumes 3 commissioned plants. There will be five products: light plastic and paper concentrate, heavy paper fraction, ferrous metals, aluminum concentrates and organic concentrates. The disposal system requires 800 acres with an even split between inerts and putrescibles (i.e., decomposable wastes).

Sites Named/Locations

Keele Valley Landfill
Brocks West
Petro/Sun or Site F

Number of Pages/Other Documents

300

SWISC EOI SUMMARY ✓

REGISTRATION NUMBER SW15

Proponent Firm

Expocrete Ltd., Burlington, Ontario

Names of Principals

Ben Bouwman
Diana Bouwman

Component

Waste Processing Facility (recycling and composting)

Features Claimed

Processing facility to recycle construction and demolition debris and composting of wood chips from leaves and brush. Technology would use a series of impactor type crushers. System capabilities are between 135-230 tonnes per hour or 200,000 tonnes per year.

Sites Named/Locations

Town of Flamborough, 25 acres zoned M3 rural are available.

Number of Pages

14

SWISC EOI SUMMARY

REGISTRATION NUMBER SW70

Proponent Firm

Faruk Fattah, Toronto, Ontario

Names of Principals

Faruk Fattah

Components

Waste Disposal Facilities (Landfill sites)
Waste Processing Facilities (dehydration/packaging)
Research Facility
Other (Size Reduction)

Features Claimed

A system of solid waste diversion and environmentally benign storage (FNF System - patent pending) is proposed. This system will receive waste from a transfer station, remove excess moisture, grind, dry, sterilize and package the residue into air-tight wrapped bundles, to be stored long term, or incinerated to produce energy.

Two landfill sites owned by the proponent can accommodate a combined storage capacity of over 120 million tonnes.

Sites Named/Locations

Site 1 at a radial distance from Toronto of 130 km.
Site 2 at a radial distance from Toronto of 110 km.
Both sites are owned by proponent firm.

Number of Pages

20

SWISC EOI SUMMARY

REGISTRATION NUMBER SW09 ✓

Proponent Firm(s)

Foster Wheeler Power Systems Inc. ✓
Clinton, N.J.

Names of Principals

J. Shortsleeves
Bruno L. Borovskis

(A subsidiary of Foster Wheeler Corp.)

Components/System

Waste Receiving Facility(ies)
Waste Processing Facility(ies)
Waste Disposal Facility(ies)
Other Components - waste to energy conversion plant

Features Claimed

Mass Burn Plant (EFW)	-	413,600 TPY - 2 boiler train facility
Recycle	-	RRS recycling plants - (118,000 TPY)
Compost 59,000 TPY	-	leaf and yard waste only
Landfill	-	10% remainder from mass burn (total)

Sites Named/Locations

No specific host communities indicated

Number of Pages/Other Documents

3 volumes	Volume I -	150 pages Text
	Volume II -	300 pages Experience
	Volume III-	300 pages Financial Capability

SWISC EOI SUMMARY

REGISTRATION NUMBER SW04

Proponent Firm(s)

Frontier Industries Inc., St. Louis, Mo.
Dynavest International Ltd., Salt Lake City, Utah (agents for Frontier)

Names of Principals

Mr. Richard Taeger
Mr. Robert R. Tracy

Component/System

Waste Processing Facility(ies)

Features Claimed

Frontier Industries Inc.'s "Swept 10" system is a proposal for a 240 to 480 tons per day solid waste to energy process technology system. The system's main features are:

- 15% to 20% of waste to recyclable materials or to landfill;
- Reduces the volume of the feed stream through thermal processing, while producing a by-product known as "char" ("char" can be utilized in several industries such as agriculture, steel and iron manufacturing). The total feed stream will be reduced by 80% to 85% by weight;
- Produces recoverable heat in the amount of 60,000 BTU/hr;
- System can be operated 24 hours per day, 365 days of the year.

Sites Named/Locations

Facilities proposed for each municipality; multiple locations within GTA to be determined.

Number of Pages/Other Documents

65 page proposal and brochure on "Swept 10" system.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW68

Proponent Firm

ICG Co-Gen Ltd., North York, Ontario

Names of Principals

Peter L. Besenovsky
R.G. Graham
N.J. Didur
P. Marriott
E.P. Rimmer
J.E. Carstairs
T.M. Carey
G.R. Laidlaw

Component

Waste Processing Facility (Mechanical Recovery)
Waste Disposal Facility (Incineration and Energy Recovery)

Features Claimed

Solid waste will be incinerated using Takoma Co. Ltd. proprietary technology to reduce landfill requirements and produce energy from waste. Up to 6 modular units processing 1,800 T/day. Available units range from 15 to 400 T/day.

Sites Named/Locations

Selected locations throughout GTA.

Number of Pages

15 plus exhibits

SWISC EOI SUMMARY

REGISTRATION NUMBER SW26

Proponent Firm(s)

Igloo Recycling Systems Inc. ✓

(A joint venture between Stinnes Investment Inc., Rhenus A.G. of West Germany)

Names of Principals

Mathias Stinnes
Gerard Tibbo
Ian Bond

Components - ("Addition to Municipalities Recycling Programs")

Waste Receiving Facility(ies)
Transportation System(s)
Waste Processing Facility(ies)

Features Claimed

Recycling Centre

- Igloo containers for recyclable waste e.g., paper, glass, cans
- Specialized trucks for pick-up
- Sorting, compacting and baling at the plant
- Sell sorted and compacted material
- 2-5% of total waste stream

Sites Named/Locations

Not specified: recycling plants to be within local communities

Number of Pages/Other Documents

21 pages plus brief appendix

SWISC EOI SUMMARY

REGISTRATION NUMBER SW50

Proponent Firms

Inducon Development Cor. T/A Alternative Environment Inc.,
Morristown, New Jersey,
Tezuka Kosan Co. Ltd., Tokyo, Japan,
Marubeni Corporation, Tokyo, Japan

Names of Principals

Rodger Laurano
Margaret Laurano

System

Potential System - Addition to Programs
Waste Processing Facilities
R&D
New Concept

Features Claimed

Principal technology is processing municipal solid waste by triple compression compaction into a usable block. Removal and treatment of leachate and then encapsulation into various methods depending on consistency and the waste stream and municipal constraints.

Sites Named/Locations

Some preliminary work done but no locations named.

Number of Pages/Other Documents

40 page submission, plus sample of compacted materials, brochures and annual report.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW41

Proponent Firm(s)

ISE Sales/Emerson Electric Canada Ltd.

Names of Principals

Malcolm Douglas
Mark Proudfoot
Ross Dougan
Steve Cortinovis

Component

Addition to Program

Technology Proposed

Proposed use of kitchen garbage grinders as a means of diverting kitchen/food wastes into the existing sewage system.

Sites Named/Locations

GTA Homes

Number of Pages/Other Documents

22

Sample reports on residential garbage disposals and in-sink food waste disposers in New York

SWISC EOI SUMMARY

REGISTRATION NUMBER SW19

Proponent Firm

Kenox Corporation, Toronto, Ontario ✓

Names of Principals

Not available

Component

Waste Processing Facility(ies) - Wet Oxidation

Features Claimed

Capable of processing 1300 tons/day MSW along with 1000 tons/day sewage sludge. Inorganics are separated, material is then shredded, slurried and fed into Kenox wet oxidation reactors. The oxidation products would be fed to a gas turbine electric generator to produce marketable electricity.

Sites Named/Locations

None specified. Propose locating facilities at existing municipal sewage treatment plants.

Number of Pages

11

SWISC EOI SUMMARY

REGISTRATION NUMBER SW25

Proponent Firm(s) ✓

Kilborn Limited, Toronto, Ontario

Names of Principals

Kilborn Engineering Ltd. 100 % voting

John T. Dew
John B. Mitchell
John C. Blair
John M. Somers
Osya Mushka
Carl Freitag

Components

Waste Processing Facility(ies)

Features Claimed

Process:
1. Received and weighed
2. Gross sorting
3. Crushing and separation of combustion and biodegradable organics by pneumatics
4. Non-aspirated material separated into ferrous and non-ferrous
5. Organic material transformed to humus through aerobic fermentation (SEII)
6. Results: Dechlorinated RDF for combustion

- compost for agriculture
- solid recyclable waste

Sites Named/Locations

Not specifically named - 11 existing landfills within the GTA plus one other not stated.

Number of Pages/Other Documents

40 pages plus two appendices of 100 pages each

SWISC EOI SUMMARY

REGISTRATION NUMBER SW67

Proponent Firm

Laidlaw Waste Systems, Burlington, Ontario

Names of Principals

M. DeGroote
L. Haworth
N. Guilford
I. Cairns
D. Cook
R. Norris

System

Addition to the Participating Municipalities' Diversion Programs
Waste Processing Facilities
Waste Disposal Facilities

Technology Proposed/Main Features

Use of Sorain processing technology to receive and process mixed residential, commercial and industrial waste not source separated. This would be in association with American Recovery Corporation. Organic materials would be composted using the DRANCO process of biodegradable organic material.

Development of a region-wide system for the collection, storage and safe disposal of hazardous household waste for all GTA municipalities. Will assist each municipality in all aspects of locating and operating conveniently located HHW depots in GTA, and develop, operate and assist in the operation of regular HHW collection programs.

Three landfill sites are also proposed.

Sites Named/Locations

Newcastle Landfill
Warwick Landfill
Ottawa Landfill

5 Interim Processing Facilities (one per region) Halton, Peel, York (2), Durham
2 Proposed Composting facilities (York and Durham regions)

Number of Pages

30 plus appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW01

Proponent Firm(s)

Lamarche McGuinty Inc., Shawville, P.Q.

Names of Principals

Maurice Lamarche - President

Components

Not a component! Suggest a rail facility at Brock West Landfill and to use existing CN or CP rail system.
Waste Processing Facility(ies) - Recycling Plant
Waste Disposal Facility(ies)

Features Claimed

- Landfill - 65 acres (owned by Lamarche McGuinty) 1 million tons/yr.
- A Lundell recycling plant - 250,000 tons a year
- Expect host community support by mid-1990
- Infrastructure in place hydro, rail, 50,000 sq. ft. building
- Preliminary approval by Quebec

Sites Named/Locations

Hilton Mine site, Bristol, Quebec. 42 miles east of Ottawa, Ont.

Number of Pages/Other Documents

30 pages - 30 page documentation of site plus appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW08

Proponent Firm(s)

Lavalin Engineers Inc.
Willowdale, Ontario

Names of Principals

Officers	Other Directors
Marcel Dufour	Bernard Lamarre
Richard la Fontaine	Armand Couture
Jean Lamarre	Jacque Lamarre
Ginette Perusse	
Elizabeth Clot	

System

Addition to the Participating Municipalities' Diversion Programs
Waste Receiving Facility(ies)
Transportation System(s)
Waste Processing Facility(ies
Waste Disposal Facility(ies) - Landfill
Research Facility(ies)
Other Components
Energy from waste activities - mass burning or RDF (refuse derived fuel) technologies.

Features Claimed

Lavalin proposes a consortium of companies, including their own subsidiaries. They do not specify exact technologies but propose potential generic systems for each component listed above.

Sites Named/Locations

None named

Number of Pages/Other Documents

225 pages

SWISC EOI SUMMARY

REGISTRATION NUMBER SW14

Proponent Firm(s)

MacLaren Engineers Inc. (Lavalin), Willowdale, Ontario
Recycling Development Corporation

Names of Principals

Richard Lafontaine

Component

Other (Resource Management System)

Technology Proposed

Proposal to provide a management team to oversee the integration, development and operation of a comprehensive waste diversion program.

Sites Named/Locations

None specified

Number of Pages

75

SWISC EOI SUMMARY

REGISTRATION NUMBER SW81

Proponent Firm(s)

Methon Energy Corporation Inc., Maple, Ontario ✓
with Shoreline Engineering Ltd., Cobourg

Names of Principals

Dr. D.V. Anderson

Component

Waste Disposal Facility(ies)

Features Claimed

Hyenol (Hydrostatic entrapment of leachates). Pit system which proposes creating a diked system relying on hydrologic pressure to ensure a leak proof system. The system by its nature must be close to a body of water or wet land. This system is documented in the Research and Demonstration section of this paper.

Sites Named/Locations

Near GTA in Lake Ontario.

Number of Pages/Other Documents

14 pages

SWISC EOI SUMMARY

REGISTRATION NUMBER SW72

Proponent Firm

Markham Disposal
Miller Paving Limited, Markham, Ontario ✓

Names of Principals

Leo A. McArthur
John J. Carrick
Robert Bugden

Components

Addition to Participating Municipalities' Diversion Programs
Waste Receiving Facilities and Transfer
Transportation
Waste Processing Facilities
Waste Disposal Facilities
Research Facilities

Features Claimed

The company presently owns and operates recycling programs in York which includes Blue Box programs and processing facilities in Richmond Hill and Markham. A transfer fleet and transportation of 150000 tonne per year is also available.

The components named above are additions to existing facilities to enable the proponent to handle the construction, demolition, industrial and commercial waste stream from Region of York, Metropolitan Toronto, and part of Durham Region.

Sites Named/Locations

Township of Uxbridge
Miller property on Miller Avenue, Markham (100 acres)
Miller property in Durham Region (500 acres) for landfill

Number of Pages

25 plus engineering drawing

SWISC EOI SUMMARY

REGISTRATION NUMBER SW69

Proponent Firm

MSW Recycling Corp.
Toronto, Ontario

Names of Principals

Anthony J. Know
Dr. Bernard Feigenbaum
R. Pearse
Dr. R. Irving
Dr. G.A. Kuter

Component

Waste Processing Facility (Recycling, Composting)

Technology Proposed/Main Feature

A solid waste composting plant consisting of a mechanical separation system for recovery of metal, plastic and other non-organic materials, a wet grinding system and an aerobic composting system. Dry stable compost that is 50% of the input waste weight will be produced in 18-21 days.

Proposed size is 2000 tonnes per day, to divert 40% of the total solid waste stream by 1995 in the GTA.

Sites Named/Locations

Milton, Woodbridge, Ashburn Transfer Stations, Composting Plant within 150 km. radius.

Number of Pages

26

SWISC EOI SUMMARY

REGISTRATION NUMBER SW76

Proponent Firm

Muscillo Transport Ltd. Kleinberg, Ontario ✓
Italimaianti/Alberti - Fonsar, Italy

Name of Principals

Dario Muscillo

Components

Transportation System
Waste Disposal Facility (EFW)
Waste Processing Facility

Note: Incineration facility. No details of transportation system and "possible" compost line given.

Features Claimed

(a) Curbside separation - paper/glass/plastic
(b) In-plant metal separator
(c) Low combustion speed and high excess air to eliminate incomplete burning effluents from the furnace.
(d) Steam generated power from the burning process for host community
(e) Emission control - dry scrubber and baghouse
(f) "Inertizing" of ash and collection dusts
(g) Line of compost products, if viability proven.

Site Named/Other Documents

"Should be within 80 km of GTA - no sites arranged". Communication with various municipal officials undertaken. No details on size of facility.

Number of Pages/Other Documents

5 page letter

SWISC EOI SUMMARY

REGISTRATION NUMBER SW47

Proponent Firm(s)

Nelson Aggregate Co. a partnership 50% Lafarge Canada Inc.
Burlington, Ontario 50% Steed and Evans Ltd.

Names of Principals

Robert Albrough
Answers to a Board from the two partners

Components

Waste Receiving Facility(ies)
Waste Disposal Facility(ies)

Features Claimed

Landfill with potential for 52,000,000 tonnes for MSW; 13.5 M tonnes initially available
Access to rail is established
Existing aggregate plant will act as a receiving facility
Overburden will act as liners for quarry
Construction of pollution control for leechate
Long term development of gas recovery

Sites Named/Locations

Uhthoff Limestone Quarry, Uhthoff, Ontario north of Orillia

Number of Pages/Other Documents

22 pages with detailed appendix of site selection and annual reports from the two partners.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW22

Proponent Firm

NERA BioEnergy Corporation, Montreal North, Quebec

Names of Principals

Charles Y. Roy
Andre T.G. Balu
Robert Pigeon

Components

Waste Processing Facility (separation and anaerobic composting, methanization)

Features Claimed

The Delta Biogaz system proposed separates wastes to segregate paper, plastic, metal, glass, organic and inert components. The organic component is processed via the anaerobic digester to produce biogas and compost. The system can process from 200 to 1,500 tonnes per day. The recovered material can be used to co-generate steam, electricity, or be separated into methane and carbon dioxide gases. Compost is also generated.

Sites Named/Locations

None specified. Use already existing transfer stations in the GTA.

Number of Pages

34

SWISC EOI SUMMARY

REGISTRATION NUMBER SW34

Proponent Firm(s)

Notre-Development Corporation, North Bay, Ontario (Integrated strategically to include: Ontario Northland, Transportation Commission) ✓

Names of Principals

Gordon E. McGuinty
Gordon P. Acton
(Affiliated with LaMarche McGuinty Inc. - who also submitted)

Components

Waste Receiving Facility(ies)
Waste Processing Facility(ies) (Separation)
Waste Disposal Facility(ies)
Research Facility(ies)

Features Claimed

- Landfill of GTA garbage in Adam's Mine Property near Kirkland Lake, Ontario - initial 25 million tonnes
- Future use in open pits and large inventories of clay and sand tailings for future landfill
- Competitive transportation available
- Recycling facility on site - with use of existing facilities
- Storage to stockpile surplus separated products until market conditions suitable
- The flexibility to incorporate secondary manufacturing on-site

Sites Named/Locations

Kirkland Lake, Englehart, Larder Lake, Kenogami, Townships: Boston, McElroy, Lebel, Gauthier

Number of Pages/Other Documents

SWISC EOI SUMMARY

REGISTRATION NUMBER SW10

Proponent Firms

NSP Investments Ltd., Mississauga Ontario ✓

Component

Waste Disposal Facility (Landfill)

Features Claimed

The EOI is for the provision of a site to be developed for landfilling. It is comprised of 78 hectares located in the region of Halton, immediately north of Highway 403 in the northwest corner of the North Service Road and King Road. Estimated capacity of 3,754,000 tons.

This site was submitted as part of site F to the Environmental Assessment Branch (1987/88) by the Region.

Sites Named/Locations

Halton

Number of Pages/Other Documents

34 page proposal

SWISC EOI SUMMARY

REGISTRATION NUMBER SW78

Proponent Firm(s)

Ogden Martin Systems Ltd., Mississauga, Ontario ✓

Names of Principals

David Sokol (U.S.)
Martin Hausman (U.S.)
Harry Olivier (Ontario)
Scott Maekin (U.S.)
Gloria Mills (U.S.)

Components

Waste Processing Facility(ies) - Recycling
Waste Disposal Facility - EFW

Features Claimed

Two components are proposed: material recycling facilities; and energy from waste (EFW) facilities. The combined systems (2 to 3) could handle 250,000 tonnes of "Blue Box" and 750,000 tonnes of mixed municipal solid waste. Materials recycling would be based on the Bezner system aimed to reduce demands on the generators and maximizes output to market demand. The EFW system is the Martin Mass Burn System which comprises of a stoker grate and boiler, dry gas scrubber and baghouse facilities.

Sites Named/Locations

In or outside GTA

Number of Pages/Other Documents

110
(Also attached:
- Colour brochures on firm's other U.S. facilities)
- Bezner recycling machinery brochure
- Company's annual report (1988)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW52 & 53 ✓

Proponent Firm(s)

Ontario Northland Transportation Commission, North Bay, Ontario

Joint Venture: Ontario Northland Railway; Notre Development Corporation; Northern Opportunities Inc.; Stinnes Enerco; M.M. Dillon; CAL Resources Inc.

Names of Principals

P.A. Dyment
K.J. Moorehead
C.M. Boston

System

52 is a Component (Transportation)
53 is a System

Waste Receiving Facilities
Waste Processing Facilities
Waste Disposal Facilities

Features Claimed

Two separate proposals addressing same intent to transport GTA waste to other regions in Ontario by the railway. Cal Recovery System Inc. would handle waste processing, energy from waste (EFW) and composting. Three landfill alternatives around Kirkland Lake and New Liskeard are proposed. Estimated to divert up to 26% from 16% initial waste by year 1996. EFW through Stinnes Enerco Inc.'s approved project in Kapuskasing.

Sites Named/Locations

CN/CP Railway from GTA to North Bay, ONR to Kirkland Lake or New Liskeard.

Number of Pages/Other Documents

400 pages plus 1 map

SWISC EOI SUMMARY

REGISTRATION NUMBER SW54

Proponent Firm(s)

Ontario Northland Transportation Commission, North Bay, Ontario

J.V.: M.M. Dillon Ltd., Toronto, Ontario

Names of Principals

P.A. Dyment
K.J. Moorehead
C.M. Boston

Component

Waste Disposal Facility(ies) - Landfill

Technology Proposed

To provide a long-term landfill. Refer to EOI #53 as landfill option. Only preliminary constraint mapping has been carried out to date.

Sites Named/Locations

Between New Liskeard and Kirkland Lake; to be determined along ONR rail line.

Number of Pages/Other Documents

30 pages
- 1 site map
- M.M. Dillon Qualifications (50 pages)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW75

Proponent Firm(s)

Ontario Northland Transportation Commission

J.V.: M.M. Dillon Ltd.

Names of Principals

P.A. Dyment
K.J. Moorehead
C.M. Boston

Component

Waste Processing Facility(ies) - Processing, Sorting, Recycling facility

Features Claimed

This is the processing component of EOI #53 explained in detail separately. A mixed municipal solid waste processing facility with an estimated 26% of waste stream diverted (excluding glass). Additional enhanced sorting, composting and RDF expected to increase diversion to 75 - 85%. A mechanical and manual modular processing system with 50 tonnes per hour capacity is proposed.

Sites Named/Locations

Kirkland Lake, Englehart; others (sites not specified)

Number of Pages/Other Documents

140 pages (includes detailed qualification statements for M.M. Dillon Ltd., and CAL Recovery Systems Ltd.)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW79

Proponent Firm(s)

Ortech International, Mississauga ✓

Names of Principals

Officers

V.C. German
O.A. Chisholm
B.T. Poher
W.D. Heaslin
R.W. Neville
F.J. Hopton
S.M. Fletcher

Component

Research Facility(ies)

Features Claimed

Create a centre for waste reduction research at Ortech. The focus of this centre would be to adapt technologies from other industries and develop new technologies for waste reduction. The centre could also act as focus of a developing industry infrastructure for development of new technology and environmental assessment.

Sites Named/Locations

Ortech, Mississauga

Number of Pages/Other Documents

38 pages

SWISC EOI SUMMARY

REGISTRATION NUMBER SW65A & B

Proponent Firm(s)

A. Otto Canada Inc. ✓
B. Halton-Otto Recycling Ltd.

Names of Principals

Vicken Aharonian
George W. Discepolo
Gwen F. Discepolo

System : 65A
Components: 65B

Transportation System(s)
Waste Processing Facility(ies) - Mechanical Recovery

Features Claimed

No technical details due to no confidentiality clause in REOI. Proposal includes collection, transport systems, transfer stations, diversion plans, waste sludge treatment, incineration and/or landfill.

Sites Named/Locations

None given

Number of Pages/Other Documents

20

SWISC EOI SUMMARY

REGISTRATION NUMBER SW66

Proponent Firm(s)

Pattison Information Inc., Toronto, Ontario

Names of Principals

W.B. Pattison
M.E. Pattison

Component

Waste Processing Facility(ies) - Mechanical Recovery
Other - Neutralysis

Features Claimed

Waste conversion plants capable of handling 550 TPD which would pulverize, separate, mix, pelletize and dry household garbage and liquid waste. The process used is called Neutralysis requiring minimal landfill.

Sites Named/Locations

To be determined

Number of Pages/Other Documents

26

SWISC EOI SUMMARY

REGISTRATION NUMBER SW11

Proponent Firm

Procter & Gamble Canada Inc., Toronto, Ontario ✓

Names of Principals

J. Pepper
E.D. Grindstaff
R.A. Robertson
R.D. Anderson
B.H. Fraser
D.W. Moeser

Component

Research Facilities (and Demonstration projects)
Addition to Participating Municipalities' Diversion Programs

Features Claimed

P&G has undertaken research and pilot projects to demonstrate how the impact of disposable diapers can be reduced.

- A composting project is under way in St. Cloud, Minnesota to demonstrate that disposable diapers can be composted along with most materials to create humus, a form of soil;

- A P&G experiment will examine the viability of recycling disposable diapers (the ingredients: pulp and plastic will be separated for individual recycling);

- A strategic plan for waste reduction has been put into place in the Belleville diaper manufacturing plant - results are that the amount of solid waste going to landfill from the Belleville Plant has been reduced by 84%; project has been undertake at a profit through development of recycling by-products.

Initiatives have also been taken to reduce materials in the packaging of diapers and in the diapers themselves.

Sites Named/Locations

No sites or specifications of facility sizing mentioned.

Number of Pages

19 page submission

SWISC EOI SUMMARY

REGISTRATION NUMBER SW32

Proponent Firm(s)

Recomp Waste Processors Inc. (A Subsidiary of Bonneville Pacific Corp.), Denver

Names of Principals

John Dunlop
Jerry Hansen
James Butler
George Kane
William Healy

Component

Waste Receiving Facility(ies)
Waste Processing Facility(ies)

Features Claimed

Modular 300 TPD solid waste processing - decentralized operations

- Recycling sort lines and processing - unprocessable sent to landfill (10 - 20%)
- Remainder shredded and screened - guarantees 50% reduction and typically experiences 70%.
- The remaining materials mostly biodegradables are processed in composting vessels.

Sites Named/Locations

Not specified. New or existing landfill or transfer sites.

Number of Pages/Other Documents

40 pages plus enclosures of newspaper clippings describing their process.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW38

Proponent Firm(s)

Redipac Recycling Inc.

Names of Principals

Joe Monteith
Peter Chisholm
Terry Popowich

Component

Waste Processing Facility(ies) - Recycling, reuse of food and health care waste streams
Research Facility(ies)

Features Claimed

Two processing facilities licensed to receive food refuse, and health care packaging wastes. Packaging products are recycled, food items converted into animal feed and compost. Abilities to process 500,000 to 700,000 tonnes annually.

Sites Named/Locations

Etobicoke, Oakville. Expansion proposed to Durham, York and Peel Regions

Number of Pages/Other Documents

54 (26 pages of technical drawings included in total page count)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW83

Proponent Firm(s)

Renutech Corporation √

Names of Principals

Howard Burr (Advisor from U.S.A.)

- No listing of Canadian owners, managers of proponent firm
- Given proposal not signed-off by anyone from firm

System

Other - new concept

Features Claimed

The proposal consists of research methodology and approaches to handle reduction, reuse, composting, and landfilling. No specifics are given as to equipment chosen.

Sites Named/Locations

At existing landfill sites

Number of Pages/Other Documents

12
(17 page report on Renutech's philosophy towards solid waste management is included)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW31

Proponent Firm(s)

Reuter of Canada, Inc. ✓

(Project team also includes U.S. West Financial Services Inc., Native North American Bands in Sarnia and Kettle Point other companies)

Names of Principals

Edward J. Reuter
Mario Menna
James T. Reuter
Winston E. Munson
Paul Reuter

System

Waste Processing Facility(ies)
Composting

Features Claimed

At least 2 S.W. processing plants - 1,500 tons/day each. 80 to 90% diversion

- propose the inclusion of a Reuter front-end-type system on anymass burn unit

2 composting plants - 500 tons/day each

- replaces blue box system

Sites Named/Locations

Kettle Point and Sarnia: Native Peoples Reserves which are existing development parks

Number of Pages/Other Documents

61 pages plus annual reports and description of process

SWISC EOI SUMMARY

REGISTRATION NUMBER SW21

Proponent Firm

Round-Up Waste Prevention Inc., Canmore, Alberta ✓

Names of Principals

Dr. Dieter Remppel
Siegfried Beckedorf
Fred Zillinger

Component

Waste Processing Facility (Composting)

Features Claimed

Proposed facilities will compost the organic fraction of the waste stream (emphasis on curbside separation). Each system features a rotating drum design which can serve the needs of a population between 1,000 to 20,000. The compost is marketed after processing in bags or in bulk.

Sites Named/Locations

None Specified

Number of Pages

32

SWISC EOI SUMMARY

REGISTRATION NUMBER SW63

Proponent Firm(s)

Royaledge Industries Inc., Burlington, Ontario
J.V.: Pro-cyss Waste Corp. (U.S.), Denver, Colorado

Names of Principals

Canada	U.S.
Michael Edgecomb	Edward B. Sutton
John C. Charles	Curtis Larry Harris
Jacqueline Leatham	Benjamin Brant
	John Burgeson

Component

Waste Processing Facility(ies) - processing, recycling and composting

Features Claimed

To construct 14 Pro-Cyss/Royaledge recycling/composting centres with 15,300 TPD capacity around GTA. Patented technology used will be the Vertical Gyroscopic Mills (VGM). No toxic wastes will be accepted. VGM reduces wastes volume up to 75% and weight reduction by as much as 20%. Landfill will be required for 10-20% of incoming waste.

Sites Named/Locations

GTA; to be determined

Number of Pages/Other Documents

46

SWISC EOI SUMMARY

REGISTRATION NUMBER SW20

Proponent Firm

See-Bah Waste Elimination Technologies Canada Inc., Sault Ste. Marie, Ontario

Names of Principals

Harvey J. Hobbs
Dr. George Harrison

Component/System

Disposal Facility - combustion
Research Facility
Processing Facility - separation

Features Claimed

Solid waste from the GTA would be delivered by water to Sault Ste. Marie and reduced to an inert ceramic pellet. These pellets would be marketed for sale as an additive to cement.

Sites Named/Locations

Sault Ste. Marie and GTA (not specified exact locations)

Number of Pages

9 plus appendices and pellet samples

SWISC EOI SUMMARY

REGISTRATION NUMBER SW39

Proponent Firm

SNC Inc., Montreal, Quebec√

Names of Principals

T. Alepian
A. Gagnon
A. Rustin
J.P. Gourdeau
G. Saint-Pierre

Component

Other Components: Consulting services to join with other qualified contractors in consortium where SNC's project management skills and technical capabilities can be utilized.

Features Claimed

SNC is a major engineer-constructor and has had extensive world-wide experience with various components of long-term waste management systems. SNC can provide project management, design, procurement, inspection, construction, commissioning and operation services as a member of a consortium of as a turnkey contractor.

Sites Named/Locations

N/A

Number of Pages/Other Documents

90 page outline of experience with appendices and brochures.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW86

Proponent Firm(s)

Standard Aggregates Inc.

Names of Principals

Dana Hewson

Component

No details provided

Technology Proposed/Main Features

No details provided

Sites Named/Locations

No details provided

Number of Pages/Other Documents

3 pages

SWISC EOI SUMMARY

REGISTRATION NUMBER SW05

Proponent Firm

St. Lawrence Cement Inc., Mount Royal, P.Q. ✓

Names of Principals

William G. Townsend

Component

Waste Processing Facilities - Mechanical Recovery
Waste Disposal Facility - Landfill, RDF

Features Claimed

Recovery of materials and energy resources at the firm's Mississauga cement plant, and establishment of landfill capacity at 9 pit and quarry operations, 7 of which are in the GTA. This program proposes to process 250,000 tonnes per year of "post-recycled" non-hazardous residential waste to produce 100,000 tonnes per year of fuel to be used in the manufacture of cement, and to recover 10,000 tonnes per year of recyclable waste. The process will use cement kilns as the waste destruction facility.

Establishment of landfill facilities with a capacity of managing 10 million tonnes of waste during the 1992 to 1996 period and 30 million tonnes between 1992-2016, in conjunction with the firm's extraction operations.

Sites Named/Locations

Mississauga Cement Plant, Lakeshore Road, Region of Peel
Landfill properties not identified.

Number of Pages

5 plus attachments

SWISC EOI SUMMARY

REGISTRATION NUMBER SW49

Proponent Firm ✓

Steetley Quarry Products Inc, Hamilton, Ontario

Note: Steetley Quarry Products Inc. is a division of Steetley PLC, a major international construction materials firm with headquarters in the U.K.

Names of Principals

D.G. Gill
I.C. McGregor
G.E. Dale
K. Houghton

Component

Waste Disposal Facility - Landfill

Features Claimed

Steetley Quarry Products proposes to establish a fully engineered private landfill facility. The proposed South Quarry Landfill Development will enable this company to continue the waste management service currently provided by Steetley's Brow Landfill for nonhazardous solid industrial waste serving the Hamilton-Wentworth Region.

Sites Named/Locations

A quarry site located near Dundas, Ontario in the Town of Flamborough north of Highway #5 between Brock Road and Ofield Road. A maximum of 2 million tonnes per year could be received over a 10 to 13 year site life.

Number of Pages/Other Documents

A 20 page letter plus a draft 250 page environmental assessment submission with appendices.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW43

Proponent Firm(s)

Stinnes Enerco Inc., Toronto, Ontario
J.V. Veba Kraftwerke Ruhr

Names of Principals

Mathias Stinnes
Gerald Tibbo
Ian Boud
Robert Beal

Component

Waste Disposal Facility(ies) - EFW Plant

Features Claimed

Energy from waste (EFW) plant to be rated at 2200 TPD in Kapuskasing to handle waste from GTA. Adapting the Steinmuller technology in thermal electric generation to the boiler. Mollenhauser and Hatch Associates will be involved in management, design and construction.

Sites Named/Locations

Kapuskasing area

Number of Pages/Other Documents

57 pages
Appendices (130 pages)
- Complete information package on Flakt technology & coloured brochures
- Information on VGBA, VKR
- Information on Steinmuller Technology
- Plot plans and drawings of 2200 TPD, EFW facility
- Copy of Kapuskasing report on energy from waste

SWISC EOI SUMMARY

REGISTRATION NUMBER SW85

Proponent Firm(s)

Stone & Webster Canada Ltd.✓

Names of Principals

Not available

Component

Other Components - Consulting/Engineering

Features Claimed

To carry out feasibility studies, engineering design and construction services related to landfill, incineration, Refuse Derived Fuel (RDF), Energy from Waste (EFW), etc.

Sites Named/Locations

GTA

Number of Pages/Other Documents

15

SWISC EOI SUMMARY

REGISTRATION NUMBER SW28

Proponent Firm(s)

Superior-Crawford Sand & Gravel Ltd., Maple, Ontario

Names of Principals

Norman Goodhead
Ed De Toro
Joseph Zentil
King Cheng

Component

Waste Disposal Facility(ies) - Provision of Land

Features Claimed

192 hectares of land owned by proponent to be used as landfill with estimate of 10 - 15 million tonnes capacity. Currently, the land is zoned as "industrial" and is a part of the Provisional Certificate of Approval issued by M.O.E. Land could also be used for waste processing/recycling facilities.

Sites Named/Locations

Keele Valley Landfill

Number of Pages/Other Documents

14

SWISC EOI SUMMARY

REGISTRATION NUMBER SW73

Proponent Firm

Surety Environmental Inc., and
Accord Capital Corporation, Calgary, Alberta.

Names of Principals

Dr. Clarence Ekstrand

System

Waste Receiving Facility (Transfer Station)

Features Claimed

The proponent will accept delivery of 9.4 million tonnes of municipal waste per year at the port of Toronto transfer station, which would comprise between five to ten acres of land.

This station would recycle 25% and the remainder (6.0 million tonnes) would be shipped to a proposed EFW plant in Newfoundland. Ash to Maritime landfills (6.55%).

Sites Named/Locations

Port of Toronto (negotiations under way with Toronto)

Number of Pages

26 plus corporate profile

SWISC EOI SUMMARY

REGISTRATION NUMBER SW23

Proponent Firms

Swedish Trade Council, Toronto, Ontario
Svenska Renhallningsforeningen
Sysav
Skafab
Perstorp Form
PLM Sellbergs
Viak AB
Waste Gas Energy AB
Boliden Allis/Svedala Arbra
Sweco/VBB

Names of Principals

Lars Henriksson

Component

Not Specified ("Other")

Features Claimed

None specified. Response lists Swedish companies interested in involvement with GTA plans and providing advice/technology.

Sites Named/Locations

None specified

Number of Pages

2 plus enclosures

SWISC EOI SUMMARY

REGISTRATION NUMBER SW80

Proponent Firm(s)

Paul D.N. Temelini, Sudbury, Ontario ✓
Barrister, Solicitor & Notary, Advocate

Names of Principals

Paul Temelini, L.L.B.

Component

Waste Disposal Facility(ies) - Landfill

Features Claimed

A landfill site in Northern Ontario.

Sites Named/Locations

Will not disclose at this time.

Number of Pages/Other Documents

4 pages, SWISC documentation, not a complete document

SWISC EOI SUMMARY

REGISTRATION NUMBER SW33

Proponent Firm(s)

Trans Canada Pipelines, Toronto, Ontario ✓

Names of Principals

Dave Russel

Component

Research Facility(ies) and Demonstration Projects

Features Claimed

Development of potential power generation from waste and waste products. Development of new processes for gasification and/or combustion of garbage.

Sites Named/Locations

Not specified

Number of Pages/Other Documents

7

SWISC EOI SUMMARY

REGISTRATION NUMBER SW44

Proponent Firm(s)

Trican Energy Systems, Brantford, Ontario ✓

Names of Principals

Len Knap
Everett Orriss
John Keegan

Component

Waste Processing - Mechanical Recovery

Features Claimed

An automated sorting system installed at points such as transfer stations to sort waste into recoverable materials such as aluminum, ferrous metals, storage batteries, dirt and humus, glass, newsprint, corrugated cardboard and plastics. The firm is local distributor for U.S.-based National Recovery Technologies' systems.

Sites Named/Locations

To be determined

Number of Pages/Other Documents

50 - includes colour brochure on NRT systems and journal article describing NRT's research.

SWISC EOI SUMMARY

REGISTRATION NUMBER SW57

Proponent Firm(s)

Trow, Dames & Moore — 50% Dames & Moore, Los Angeles, California
50% 455601 Ontario Ltd., Brampton, Ontario

Names of Principals

J.P. Numan

Component

Other - Consulting Services.

Features Claimed

Development of a system or waste management code to enable owners of properties or facilities to divert inert or lightly contaminated soil, fill and construction and demolition debris from municipal landfill. The system will include: classification of wastes; material exchange; land farming remediate contaminated soils; control non-hazardous contaminated soils; segregate demolition and construction waste; crush usable material into aggregate reuse wood waste.

Sites Named/Locations

Not named

Number of Pages/Other Documents

7 pages plus company profile and specific experience

SWISC EOI SUMMARY

REGISTRATION NUMBER SW64

Proponent Firm(s)

Wastech (Division of Robert S. Lawrie Ltd.), Markham, Ontario

Names of Principals

Lois Lawrie
Douglas Lawrie
Robert Lawrie

Component

Waste Disposal Facility(ies) - Wastech Process (Pyrolytic)
Waste Processing Facility(ies) - Mechanical Recovery

Features Claimed

System called Wastech process for the "destructive distillation" of solid waste materials without the use of an incinerator. Oven burn without combustion producing steam and hot water for local institutions. A 10 oven unit will process 1920 TPD.

Sites Named/Locations

GTA

Number of Pages/Other Documents

5 (1 diagram)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW17

Proponent Firms

Waste Distillation (W.D.T. Canada) Inc., Montreal, Que.
Sussex Environmental Services Inc., London, Ont.

Names of Principals

Denis R. Loranger
Robert N. Malouin
William H. Wilson
Michael Nicolai
C.L. McWhinnie
D.J. Harman
D.H. Clarke
J.C. Tucker

Component

Waste Processing Facility - Mechanical Recovery
Waste Disposal Facility - Pyrolytic

Features Claimed

Conversion of municipal solid waste into energy in the form of high pressure process steam using the Waste Distillator technology. The process converts waste at a rate of 50 tonnes per day using modular units (10 units can be linked to process 500 tonnes per day). All waste is reduced to less than 10% of original volume, with the remaining char residue being sterile and non-polluting. The waste is broken down by destructive distillation resulting from the application of indirect heat at 1200 F in the absence of air or oxygen.

Sites Named/Locations

Seneca College, Toronto
Lester B. Pearson International Airport, Toronto
Other sites not specified.

Number of Pages

62

SWISC EOI SUMMARY

REGISTRATION NUMBER SW45

Proponent Firm(s)

Waste Streams Systems Ltd. ✓
J.V.: Bruce Brown Assocs.; Greenspoon Brothers Ltd.

Names of Principals

Paul Greenspoon
Ira Greenspoon
Marc Mittleman
Sean Murray
Dr. Bruce Brown

Component

Waste Processing Facility(ies) - material recovery and recycling

Features Claimed

To build a processing facility to sort, cut, crush/shred, separate and classify wood waste, concrete, brick, roofing, drywall and metals from building construction and demolition debris. The system consists of a high volume crusher, magnetic separator, and a screening plant. Output has agricultural applications e.g., revegetation and soil cementation possibilities.

Sites Named/Locations

Keele Valley Landfill

Number of Pages/Other Documents

60

SWISC EOI SUMMARY

REGISTRATION NUMBER SW58

Proponent Firm(s)

✓Weldex Company Limited, Oakville, Ontario, represents a group of:

Catrel	Universal Energy International
Conrep Systems Inc.	Vaporvac
International Recycling Systems	Fluor Daniel Canada

Names of Principals

Weldex	M. Krynskj, Owner
Catrel	J.F. Mather, Chairman
	Dr. R. Chablabi, Vice-Chairman
CSI	No officers sited
IRS	G.R. Siter, Jr., President
	A. K. Wall, Vice President
UEI	J.F. Angelo, President
Vaporac	R.E. Silva, Owner
FDC	A.B. McArthur, President

Component

Waste Disposal Facility - RDF
Waste Processing Facility(ies) - Mechanical Recovery
Research Facility(ies)

Features Claimed

Weldex Co. Ltd. - Equipment manufacture including gas storage, waste management
Catrel represents the MSW reduction step to RDF and is Swiss-based
CSI - Processes sewage sludge with waste wood and paper as well as tires - Canadian-based
IRS - Process demolition and construction material using equipment to process 500 to 650 TPH
UEI - Proposes incineration of the MSW using a rotary kiln incinerator
Vaporvac - Collect toxic and hazardous substances (flue gas), currently at the test stage
FDC - Engineering expertise

Sites Named/Locations

None specified

Number of Pages/Other Documents

300 pages including companies statements and proposals

SWISC EOI SUMMARY

REGISTRATION NUMBER SW02

Proponent Firm

Westinghouse Canada Inc., Hamilton, Ontario ✓
Westinghouse Electric Corporation Resource Energy Systems Division, Pittsburgh, Pennsylvania

Names of Principals

L.W. Morgan

Component

Waste Disposal Facility - Energy from Waste
Processing Facility - Recycling/Composting

Features Claimed

Major processes for resource recovery include waste handling, combustion, energy recovery, ash handling, emissions control, electric generation, process control and instrumentation. The Westinghouse O'Connor combustor burns municipal solid waste and generates steam for use for the generation of electricity. The plan also includes provision for a materials recovery center to separate and process recyclable materials, and a composting plant to process organic waste.

Sites Named/Locations

None specified, will work with Municipalities

Number of Pages

150 plus appendices

SWISC EOI SUMMARY

REGISTRATION NUMBER SW84

Proponent Firm(s)

William A. Hutchinson, Walkerton, Ontario ✓

Names of Principals

William A. Hutchinson

Component

Waste Disposal Facility(ies) - Landfill

Features Claimed

1,100 acres of land will be offered for sale for landfill purposes.

Sites Named/Locations

North-west corner of Laxton Township, Victoria County

Number of Pages/Other Documents

14 (1 map)

SWISC EOI SUMMARY

REGISTRATION NUMBER SW51

Proponent Firm(s)

WMI Waste Management of Canada Inc. ✓
J.V.: Wheelabrator Technologies

Names of Principals (U.S.A.)

Daniel Buntrock
Phillip Rooney
Jerry Dempsey
Donald Flynn
Harold Gershowitz
Jerome Girsch
James Koenig
Frank Weinert
Peter Vardy
Robert Paul

System

Waste Disposal Facility(ies) - Landfill
Waste Processing Facility(ies) - Recycling, composting, energy from waste
Complete Proposal
Addition to Programs
Mechanical Recovery
Composting
Landfill
EFW
RDF
R&D

Features Claimed

Company prepared to supply either system or any component. The system handles wastes from households, factories and construction sites for composting, recycling, energy from waste, RDF and landfill applications. The collection system is a new wet-dry system. Material recovery to be conducted in 10 facilities handling 1000-2500 TPD. Composting system's capacity exceeds 200 TPD. Energy system requires one 2475 TPD unit and another 3300 TPD unit. Landfill targetted to handle 23% of total GTA waste estimated for 20 - 30 year minimum capacity.

Sites Named/Locations

To be determined

Number of Pages/Other Documents

136

- Companies annual report
- Process flow diagram
- Building Plan
- Plan and Elevation of Recycling Processes

SWISC EOI SUMMARY

REGISTRATION NUMBER SW56

Proponent Firm(s)

Wood Resource Recovery Inc., Port Perry, Ontario, owned 100% by Chassm Pallets Ltd.

Names of Principals

Cecil J. Law

Component

Waste Processing Facility(ies) - Wood waste

Features Claimed

Wood waste recycling centre capability 60,000 tons a year
Has firm commitment for handling waste products

Facility will include:

- a primary shredder
- material classifiers
- secondary logs
- magnetic metal separator
- located within an industrial park in Port Perry access by truck

Sites Named/Locations

Port Perry, Ontario

Number of Pages/Other Documents

8 pages, Appendix and EOI forms

SWISC EOI SUMMARY

REGISTRATION NUMBER SW37

Proponent Firm(s)

Wood Waste Solutions Canada Inc., Toronto, Ontario ✓

Names of Principals

Timothy J. McGillion
Arthur H. Potts

Component

Waste Processing Facility(ies) - Waste Wood Recovery

Features Claimed

A waste wood recovery facility that handles 30 tons of mixed wood waste per day. Only uncontaminated material is accepted to maximize recovery rates. No details on equipment used.

Sites Named/Locations

Mississauga and Weston (By mid-1990)

Number of Pages/Other Documents

13

SWISC EOI SUMMARY

REGISTRATION NUMBER SW18

Proponent Firms

WPF Corporation, Bellevue, Ohio ✓
BLI International Inc., Rancho Cucamonga, California

Names of Principals

William L. Garlic
William L. Garlic Jr.
John England
Larry Bailey
Harrison McCoy
Ronald Albrecht
Domenic A. Muni

Component

Waste Processing Facility (Sorting, Separating, Composting)

Features Claimed

Waste is mechanically processed to separate ferrous metal and aluminum for recycling. Materials not suitable for sale or composting are sent to landfill (approximately 7%); therefore, 93% is expected to be diverted.

Sites Named/Locations

None Specified

Number of Pages

34 plus attachments

SWISC EOI SUMMARY

REGISTRATION NUMBER SW36

Proponent Firm(s)

808106 Ontario Inc. √

Names of Principals

Alane Prince
Arden Mertz
Michael Littman
G. Haggerty
C. Chesney
R.G. Wood

Component

Disposal Facility - EFW

Features Claimed

5,000,000 long tons (or 5,080,235 tonnes) per annum of waste volume at 16,000 long tonnes (or 16,260 tonnes) per day based on eight incinerators to be phased in. Production of 1,500 megawatts of electricity through steam generation. Ash to be used in road paving, concrete work, etc.

Sites Named/Locations

Tentative discussions with Town of Milton

Number of Pages/Other Documents

10 - 3 architecture site drawings

SWISC EOI SUMMARY

REGISTRATION NUMBER SW12

Proponent Firm

Not incorporated

Names of Principals

Noel Desautels
Paul Detering

Component

Waste receiving facility (drywall recycling)

Features Claimed

Waste drywall from construction sites to be source-separated, brought to existing transfer sites to be taken to an inspection station prior to delivery to market. Firm market commitment given.

Sites Named/Locations

A facility in Caledonia, Ontario

Number of Pages

36